

Notice of Allowability

Application No.

10/729,494

Applicant(s)

GRIFFIS ET AL.

Examiner

Art Unit

Gregory J. Strimbu

3634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of and the tele. int. of 9/8/06.
2. ☒ The allowed claim(s) is/are 7-12.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>9/8/06</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David C. Hanson on September 8, 2006.

The application has been amended as follows:

In the abstract:

line 4, changed "for providing a clearance with" to --accommodating--

In the claims:

claim 7,

line 2, changed "an angular surface" to --a surface disposed at an angle with respect to the level surface--

line 3, deleted "level"

line 4, deleted "aligned with the angular surface"

line 5, deleted "enabling . . . with the"

line 6, deleted "angular surface"

line 15, inserted --for moving said sealing member-- following "assembly"

line 17, changed "a cylindrical" to --an-- and changed "disposed" to --extending--

line 18, inserted --cylindrical-- following the last occurrence of "a"

Art Unit: 3634

line 19, changed "concentrically" to --axially aligned--

line 22, changed "abutting" to --extending outwardly from and communicating with-- and changed the last occurrence of "cavity" to --bore--

line 23, changed "helix" to --helical slot--

line 24, deleted "aperture during installation"

line 25, changed "about" to --with respect to--

line 26, deleted "enabled" and changed "being" to --with respect to--

line 27, deleted "engaged within" and changed "further enabled by a" to --by--

line 28, changed "within said helix aperture" to --with respect to said helical slot as said guiding portion engages said helical slot--

claim 8,

line 2, changed "elongated in said first and said second axial" to --an elongated slot--

line 3, deleted "directions"

claim 9,

line 2, changed "first" to --at least one--

claim 10,

line 2, deleted "a sealing pivot. . . disposed within"

line 3, deleted "said sealing arrangement, said sealing pivot means is"

Art Unit: 3634

claim 11,

line 2, deleted "in a direction . . . second axial"

line 3, deleted "directions"

claim 12,

line 2, changed "sealing pivot means" to --one of a pivot and a pivot cavity-- and
deleted "low"

line 3, deleted "Teflon, Delrin, . . . high"

line 4, deleted "molecular weight"

canceled claims 1-6 and 13-26

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: the prior art of record, absent applicant's own disclosure, fails to teach the entire combination of elements set forth in the claimed invention. Specifically, the prior art of record fails to teach a driven member including a substantially cylindrical bore for receiving the driving member, a helical slot for cooperating with the guiding portion of the driving member, and a mounting cavity extending outwardly from and communicating with the substantially cylindrical bore for enabling engagement and disengagement of the guiding portion with the helical slot, and the driven member adapted for rotary and axial motion with respect to the driving member by a rotation of the substantially cylindrical

Art Unit: 3634

first portion with respect to the substantially cylindrical bore and by movement of the guiding portion with respect to the helical slot as the guiding portion engages the helical slot. See lines 20-28 of claim 7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Strimbu whose telephone number is 571-272-6836. The examiner can normally be reached on Monday through Friday 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Chilcot can be reached on 571-272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3634

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read "Gregory J. Strimbu", with a long horizontal flourish extending to the right.

Gregory J. Strimbu
Primary Examiner
Art Unit 3634
September 8, 2006